

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA (5-8-64) Put to production

Date Well Completed 2-12-62

Location Inspected

OW..... WW..... TA.....

Bond released

GW.1..... OS..... PA.1.....

State of Fee Land

LOGS FILED

Driller's Log 2-27-62

Electric Logs (No.) 3

E..... I.1..... E-I..... GR..... GR-N..... Micro.....

Lat..... Mi-L..... Sonic..... Others Temperature Log

Verbal approval given on 12-18-61. (S)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.

LAND OFFICE Utah
LEASE NUMBER U-032914
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1961

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah

Phone DA 8-0165 Signed [Signature]
Agent's title District Geologist

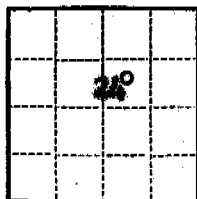
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 24 SW NE	16S	24E	2	<u>East Canyon Fed.</u>	Spud 12-30-61 Drilled 12 1/2" hole to 223'. Reaming 17 1/2" hole @ 105'.					SHT @ 200' - 1" off vertical.

NOTE.—There were _____ runs or sales of oil; None M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy to H.F.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-032914
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 18, 1961

Well No. 2 is located 1672 ft. from N line and 2340 ft. from E line of sec. 24
SW NE 24 16 S 24 E S.L.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Grand Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6594 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated Formation Tops
 Mesaverde - Surface
 Kansas 2070
 Dakota 3400
 Morrison 3760
 Est. T. D. 6100

Casing Program
 13-3/8" OD 40# Casing at 200'
 Cement to circulate.
 9-5/8" OD 25# casing at 2100'
 5 1/2" OD 14-15.5# casing set through all gas zones.

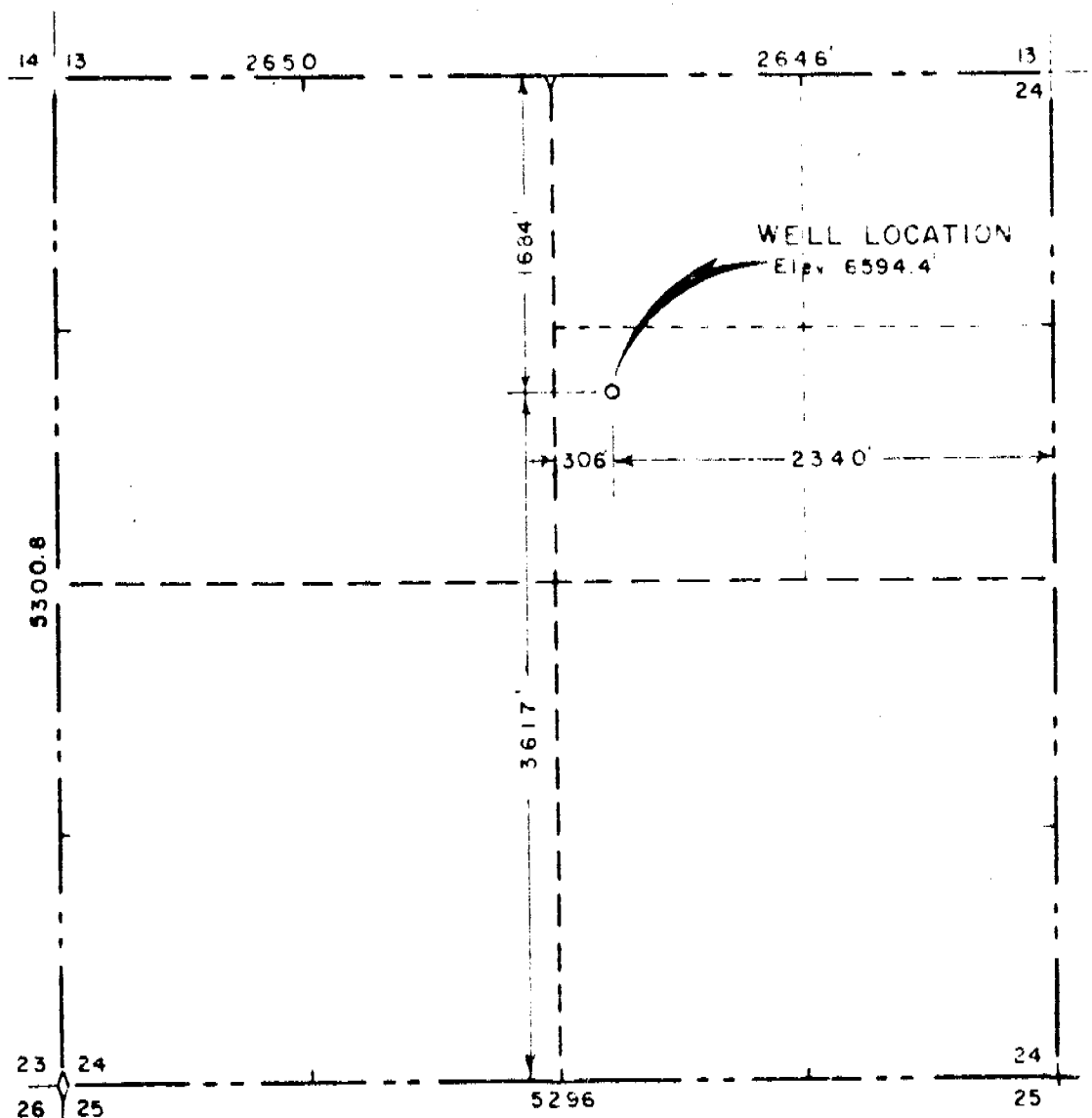
To test potential gas zones in the Dakota and Morrison formations.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation
 Address 870 First Security Building
Salt Lake City 11, Utah
 By Ralph J. Herman
 Title District Geologist

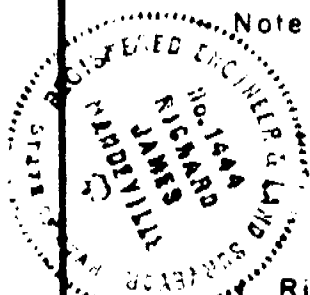
WELL LOCATION

SW 1/4 NE 1/4 SECTION 24
T 16 S, R 24 E SLB&M



SCALE 1"=1000'

Note: Elevation run from Shamrock Well
in NE Sec 35, T 16 S, R 24 E (Elev. 6184')



Richard J. Mandeville do hereby certify that
this plot was plotted from notes of a field survey
made under my supervision on Dec 15, 1961.

Richard J. Mandeville
Registered Engineer & Land Surveyor

WESTERN ENGINEERS	
WELL LOCATION	
SHAMROCK OIL & GAS CORP	
EAST CANYON NO 2	
GRAND COUNTY, UTAH	
SURVEYED	W.P.B. P.222
DRAWN	F.B.F.
Grand Junction, Colo. 12/10/61	

December 18, 1961

The Shamrock Oil & Gas Corp.
870 First Security Bldg.
Salt Lake City, Utah

Attn: Mr. Ralph Thomas, Dist. Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. East Canyon Federal #2, which is to be located 1672 feet from the north line and 2340 feet from the east line of Section 24, Township 16 South, Range 24 East, SLNM, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted in accordance with Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission. However, said approval is conditional upon a Plat being furnished this office in accordance with Rule C-4 (a) of said rules and regulations.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE DIRECTOR

CBF:awg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

H. L. Coates - OGC, Moab

THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah
December 18, 1961

Reply to:
Rocky Mountain Exploration District
First Security Bldg. Room 1192
Salt Lake City 11, Utah

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Attention: Mr. C. B. Feight


Gentlemen:

The Shamrock Oil and Gas Corporation wishes to apply for an exception to Rule C-3a regarding the spacing of the East Canyon Federal No. 2 Well. We have selected a drill site 1,672 feet south of the north line and 2,340 feet west of the east line of Section 24, Township 16 South, Range 24 East, Grand County, Utah. The subject location is in the Book Cliffs of Eastern Utah where topography is an obstacle. High cliffs and deep canyons cover the entire area making accessibility a definite problem. In order to avoid excessive road costs, we wish to limit the selection of drill sites to the drainage of the area. In order to comply with Rule C-3a, it would be necessary to locate the drill site on top of a mesa or blast a location out of the face of a relatively sheer cliff.

The aforementioned drill site is in the drainage of East Canyon and is situated so as to eliminate any possibility of damage due to high water.

Due to the foregoing, we respectfully request permission to drill the subject test in the aforementioned unorthodox location under Rule C-3c.

Sincerely yours,


Ralph Thomas
District Geologist

DA 80165

RT:ls

cc: Mr. Don Russell

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.

LAND OFFICE Utah
LEASE NUMBER U-032914
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

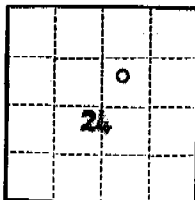
State Utah County Grand Field Wildest
The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1962,
Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah Signed Ralph J. Howe
Phone DA 2-0165 Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 24 SW NE	16S	24E	2		Set 13-3/8" casing at 220' w/300 sacks Drilled to 422' with air. Encountered water, unable to drill with air. Mudded up and drilled to 2,070'. Ran 9-5/8" casing. Set at 2,070', cemented with 200 sacks regular cement. Resumed drilling with air. Had show gas at 5,743', gas volume measured as 20 MCFPD after 50 minutes. Had show of gas from 6107-11 and 6121-6136. Gas measured 492 MCF in 60 minutes. Drilled to 6,280'. Ran Schlumberger Induction log, gamma ray-neutron log and temperature log to 6,238'. Mudded up and ran 5 1/2" casing. Set casing at 6,250'. Cemented with 200 sacks regular cement with 1% Halad 9 added. Pumped plug to 6,217 with water. Ran centralizers at 6,055 and 6,153. Waiting on completion rig.					

Note.—There were _____ runs or sales of oil; None M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-032914
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent Report of Running</u> <u>Surface Casing</u> X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 2, 1962

Well No. 2 is located 1672 ft. from [N] line and 2340 ft. from [E] line of sec. 24

SW NE 24 16 S 24 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6594 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 226 feet of 13-3/8" OD API casing. Set casing at 220 feet.
Cemented with 300 sacks regular cement with 2% calcium chloride.
Cement circulated.

Spudded 12-30-61.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

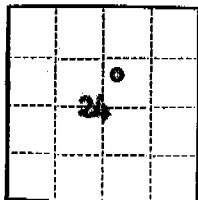
Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lesse No. U-032714
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Notice of intention to run Intermediate Casing			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 10, 1962

Well No. 2 is located 1572 ft. from N line and 2340 ft. from E line of sec. 24
SW 24 16 S 24 E S.L.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcoxon Grand Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6594 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Request permission to set 9-5/8" casing to approximately 2,000 feet to protect productive zones. To cement casing with 200 sacks of regular cement.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Edwin B. Isbell

Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Utah
Lease No. U-032914
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Running Intermediate Casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 11, 19 52

Well No. 2 is located 1672 ft. from N line and 2340 ft. from E line of sec. 24
SW NE 24 16 S 24 E S.L.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox Grand Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6594 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

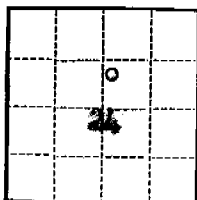
Run 67 joints or 2,072.13 feet of 9-5/8" 32.30# H-40 casing. Set casing at 2,070 feet. Cemented with 200 sacks of regular cement.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shawrock Oil and Gas Corporation
 Address 870 First Security Building
Salt Lake City 11, Utah
 By Edwin B. Isbell
 Title Geologist

Copy to HC

ALL



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-032914
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			
Notice of intention to run casing <u>X</u>			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 2 is located 1672 ft. from N line and 2340 ft. from E line of sec. 24
SW NE 24 16 S 24 E S.L.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Grand Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6574 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Request permission to run 5 1/2" casing to 6,250' and complete in the Morrison formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation
 Address 870 First Security Building
Salt Lake City 11, Utah
 By Lionel S. Jacobson
 Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-032914
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<u>Subsequent Report of Running Casing X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

East Canyon January 24, 1962
Well No. 2 is located 1672 ft. from N line and 2340 ft. from E line of sec. 24
SW NE 24 16 S 24 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6594 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 28 joints (925.80') $5\frac{1}{2}$ " 15# J-55 casing and 170 joints (5,326.05') $5\frac{1}{2}$ " 14# J-55 casing. Set casing at 6,250'. Cemented with 200 sacks regular cement with 1% calcium chloride added.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Leonard S. Jewell

Title Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-032914
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of February - March, 1962

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah

Phone DA 8-0165 Signed Ralph Thomas
Agent's title District Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 24 SW NE	16S	24E	2	East Canyon	Waiting on completion rig.					

NOTE.—There were _____ runs or sales of oil; None M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER U-032914
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1962,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah

Phone DA 8-0165 Signed Ralph E. Thomas
Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 24 SW NE	16S	24E	2		Crest Canyon Federal Waiting on completion rig.					

NOTE.—There were _____ runs or sales of oil; None M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER U-032914
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 62,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah

Phone DA 8-0165 Signed Ralph Thomas
Agent's title District Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 24 SW NE	16S	24E	<u>2</u>		Moved in completion rig. Displaced mud w/3% gelled acid. Ran McCullough bond log. Top of cement 4950. Perf with 2 per ft from 6133-69. Casing frac with 25,000 gal 3% gelled acid, 15,000 lbs sand. Flushed with 140 bbls water. Used 45 ball sealers during treatment. Injection rate 40 bbls per minute at 2700#. Flowed and swabbed. Gas gg 646 MCF at end of 4 hr flow. SIC 825#, SITP 425#. Set 2-3/8" tubing at 6134. Shut in, waiting on test.					

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form approved.
Budget Bureau No. 42-R356.5.

16-25766-9 U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER U-032914
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Wildest

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1962,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah Signed Alfred J. Lamm

Phone DA 8-0165 Agent's title District Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 24 SW NE	16S	24E	2		<p>Completion Report: Salt Wash (Morrison) CAOP based on Four Point Back Pressure Test 4,193 MCFGPD at 15.025 psia. Shut in bottom hole pressure 1367, shut in casing pressure 1173, shut in tubing pressure 1171. Completion date 6-12-62. Well shut in awaiting pipeline outlet.</p>					

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 6280 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing in total of barrels of fluid of which % was oil, %
 The production for the first 24 hours was barrels of fluid of which % was oil, %
 emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours 1,193 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1367

EMPLOYEES

, Driller
 , Driller
 , Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	1730	1730	sd & sh
1730	5730	4000	Black sh
5730	5890	160	sd & sh
5890	6280	390	Red sh & sd
			Casilegate 2060 Dakota 2155 Dakota 5630 Morrison 5879 Salt Wash 6130
FROM	TO	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

July 11, 1962

Shamrock Oil & Gas Corporation
870 First Security Building
Salt Lake City, Utah

Re: Well No. East Canyon Federal #2
Sec. 24, T. 16 S, R. 24 E.,
Grand County, Utah

Gentlemen:

As of yet we have not received the Electric and/or Radio-activity logs for the above mentioned well. We would appreciate it very much if you would send us these logs in order that we may complete our file.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CONNIE F. PALOUKOS
RECORDS CLERK

CFP:cn



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah
July 12, 1962

Reply to:
Intermountain Exploration District
First Security Bldg. Room 870
Salt Lake City 11, Utah

Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah


Attention: Miss Connie F. Paloukos
Records Clerk

RE: East Canyon Federal No. 2 Well
Sec. 24, T 16 S, R 24 E
Grand County, Utah

Gentlemen:

In reply to your letter of July 11, we are enclosing
one copy each of the Induction, Temperature, and Gamma Ray-
Neutron Logs for our East Canyon Federal No. 2 Well in
Grand County, Utah.

Yours very truly,


Ralph Thomas
District Geologist

RT:ls

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.5. LEASE DESIGNATION AND SERIAL NO.
U-032914

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR The Shamrock Oil and Gas Corporation	7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 870 First Security Building, Salt Lake City, Utah 84111	8. FARM OR LEASE NAME East Canyon Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1672' from N line and 2340' from E line	9. WELL NO. 2
14. PERMIT NO.	10. FIELD AND POOL, OR WILDCAT East Canyon Field
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6594 Ground	11. SEC., T., R., M., OR BLK. AND SURVEY OR REF. Sec. 24, T16S, R24E, Salt Lake Meridian
	12. COUNTY OR PARISH Grand County
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Request permission to plug and abandon because well has been classified as non-commercial and is unable to feed against the line pressure.
Cumulative production - 6,161 MCF.

We plan to spot 25 sacks of cement from 6180' to 6000',
30 sacks across the stub of 5½" casing (5½" cs. set at 6250'),
30 sacks across the shoe of 9-5/8" casing (9-5/8" cs. set at 2070'),
Casing squeeze between the 13-3/8" and 9-5/8" casing
(13-3/8" casing set at 220'),
10 sacks on surface.

Drilling mud to be between all plugs.
Total depth 6280'.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSIONDATE Feb 15 1965 BY Harvey L. Cook

Petroleum Engineer

18. I hereby certify that the foregoing is true and correct

SIGNED Ralph L. ThomasTITLE District GeologistDATE 2-12-65

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 2 COPIES
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-032914

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

East Canyon Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

East Canyon Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 24, T16S, R24E,
Salt Lake Meridian

12. COUNTY OR PARISH 13. STATE

Grand County Utah

1.

OIL ☐ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

The Shamrock Oil and Gas Corporation

3. ADDRESS OF OPERATOR

870 First Security Building, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface 1672' fr N line and 2340' from E line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6594 Ground

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugged as follows: 25 sack cement plug 6170-5945'
Cut off 5 1/2" casing at 4860' and pulled casing.
30 sack cement plug 4900-4795'
30 sack cement plug at 2105-2025'
Pulled 238' 9-5/8" casing
60 sack cement plug 295-165'
10 sack cement plug surface
Drilling mud between all plugs.

Completed as plugged and abandoned February 18, 1965.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

District Geologist

DATE

2-19-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side